

IN THE CLAIMS

Presented below is a complete list of all claims with changes marked up:

1-28. (Canceled)

29. (New) A method to send a message from a first mobile communication device in a first wireless network to a second mobile communication device in a second wireless network, the method comprising:

emulating a home locator register (HLR) at an interconnection coupled between the first and the second wireless networks to store profiles of a plurality of mobile communication devices operating on the second wireless network and to check destination information in the message against at least a portion of the profiles; and

sending the message to the second wireless network if the destination information is valid.

30. (New) The method of claim 29, further comprising:

emulating a mobile switch center (MSC) at the interconnection to translate the message from a first format compatible with the first wireless network directly into a second format compatible with the second wireless network if the destination information is valid.

31. (New) The method of claim 30, wherein emulating the MSC to translate the message comprises:

extracting a plurality of parameters from the message; and

constructing a second message in the second format using the plurality of parameters.

32. (New) The method of claim 31, wherein the plurality of parameters comprise delivery priority.

33. (New) The method of claim 30, wherein sending the message to the second wireless network comprises:

using the emulated MSC to transmit the message to the second wireless network.

34. (New) A network interconnection to be coupled between a first and a second wireless networks, the network interconnection comprises:

a home location register (HLR) to check destination information in a message from the first wireless network against at least a portion of profiles of a plurality of mobile communication devices operating on the second wireless network; and

a mobile switching center (MSC) to translate the message from a first format compatible with the first wireless network to a second format compatible with the second wireless network using a plurality of parameters extracted from the message and to transmit the translated message to the second wireless network if the destination information is valid.

35. (New) The network interconnection of claim 34, wherein the HLR is operable to send a validity response to the first wireless network if the destination information is valid.

36. (New) The network interconnection of claim 34, wherein the HLR is operable as a firewall between the first and the second wireless networks.

37. (New) The network interconnection of claim 34, wherein the first wireless network comprises a Global System for Mobile Communications (GSM) network and the second wireless network comprises a Code Division Multiple Access (CDMA) network.

38. (New) A wireless communication system comprises:
a first wireless network; and
an interconnection coupling the first wireless network to a second wireless network, the interconnection operable to emulate a home locator register (HLR) to store profiles of a plurality of mobile communication devices operating on the second wireless network and to check destination information in a message from the first wireless network against at least a portion of the profiles stored, the interconnection being further operable to emulate a message switch center (MSC) to send the message to the second wireless network if the destination information is valid.

39. (New) The wireless communication system of claim 38, wherein the MSC is operable to translate the message from a first format compatible with the first wireless network into a second format compatible with the second wireless network.

40. (New) The wireless communication system of claim 39, wherein the MSC is operable to extract a plurality of parameters from the message and to use the plurality of parameters to translate the message.

41. (New) The wireless communication system of claim 38, wherein the HLR is operable to send a validity response to the first wireless network if the destination information is valid.

42. (New) The wireless communication system of claim 38, wherein the first wireless network includes a Global System for Mobile Communications (GSM) network and the second wireless network includes a Code Division Multiple Access (CDMA) network.

43. (New) A machine-accessible medium that stores instructions that, if executed by a processor, will cause said processor to perform operations comprising:

receiving a message from a first wireless network at an interconnection coupled between the first wireless network and a second wireless network;

emulating a home locator register (HLR) at the interconnection to store profiles of a plurality of mobile communication devices operating on the second wireless network and to check destination information in the message against at least a portion of the profiles at the interconnection; and

transmitting the message to the second wireless network from the interconnection if the destination information is valid.

44. (New) The machine-accessible medium of claim 43, wherein the operations further comprise:

emulating a mobile switch center (MSC) at the interconnection to translate the message into a format compatible with the second wireless network if the destination information is valid in the second wireless network.